

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020485.D
 Acq On : 02 Dec 2024 15:11
 Operator : SY/MD
 Sample : P5045-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-11222024RE

Quant Time: Dec 02 21:57:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:47:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

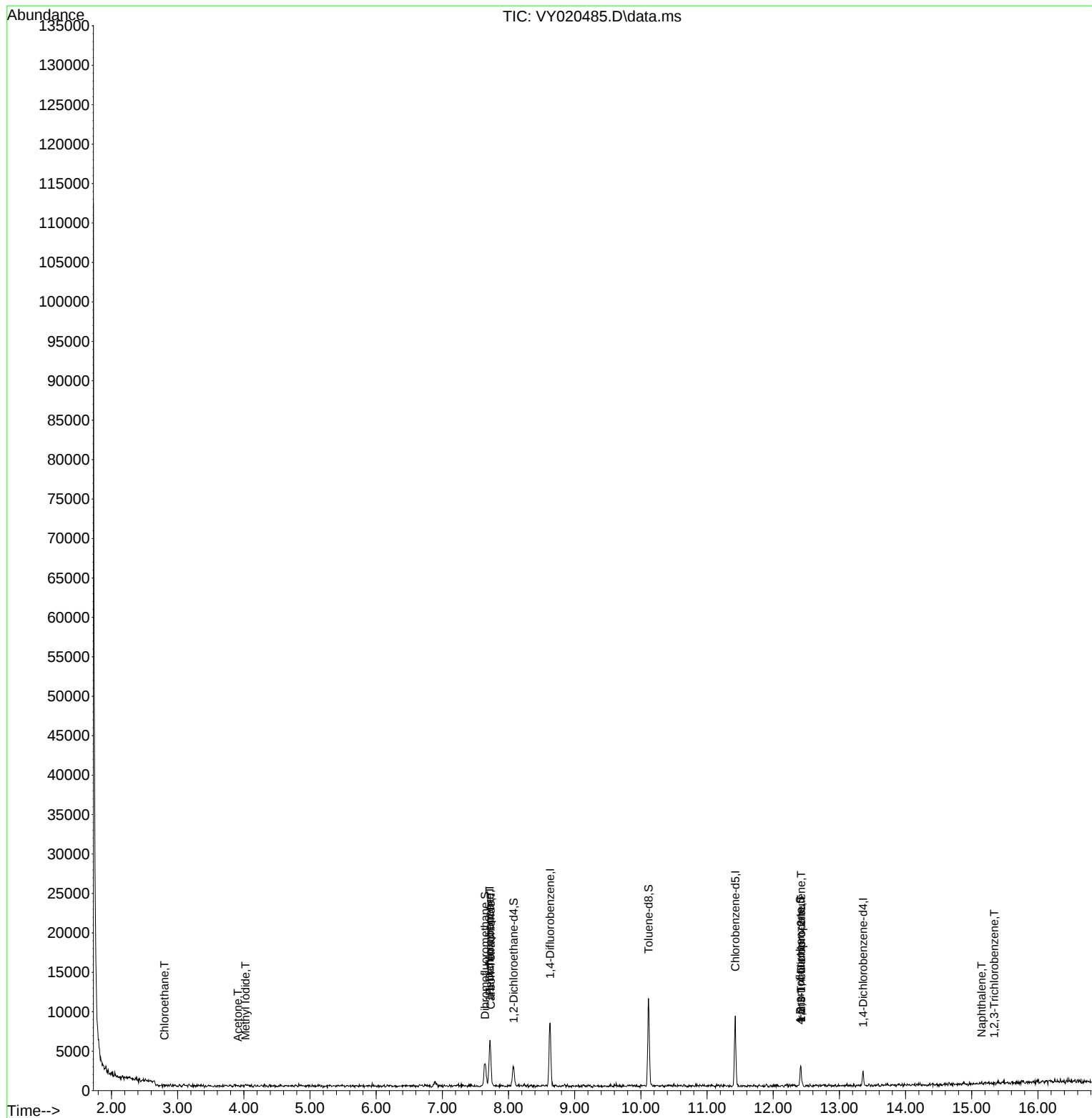
Internal Standards						
1) Pentafluorobenzene	7.719	168	4508	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.628	114	7164	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	4710	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	575	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	2278	49.687	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.380%
35) Dibromofluoromethane	7.646	113	2281	50.576	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.115	98	7640	44.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.980%
62) 4-Bromofluorobenzene	12.407	95	1072	17.848	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	35.700%
Target Compounds						
					Qvalue	
6) Chloroethane	2.799	64	62	2.228	ug/l	# 43
10) Methyl Iodide	4.025	142	146	2.625	ug/l	# 53
16) Acetone	3.909	43	20	1.754	ug/l	# 43
36) 1,1-Dichloropropene	7.713	75	433	5.685	ug/l	# 43
38) Carbon Tetrachloride	7.731	117	461	5.072	ug/l	# 11
76) 1,2,3-Trichloropropane	12.420	75	590	100.727	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.420	75	590	206.676	ug/l	# 9
95) Naphthalene	15.151	128	78	4.549	ug/l	# 69
96) 1,2,3-Trichlorobenzene	15.340	180	56	6.550	ug/l	# 12

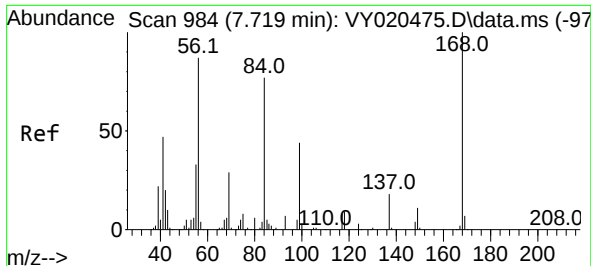
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
Data File : VY020485.D
Acq On : 02 Dec 2024 15:11
Operator : SY/MD
Sample : P5045-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-11222024RE

Quant Time: Dec 02 21:57:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 02 14:47:59 2024
Response via : Initial Calibration

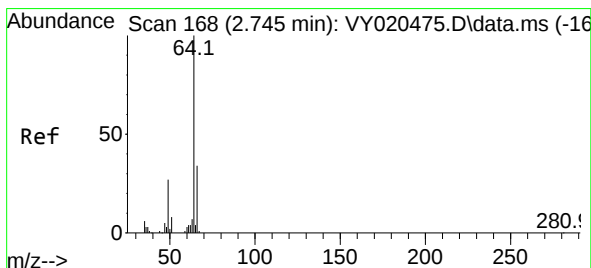
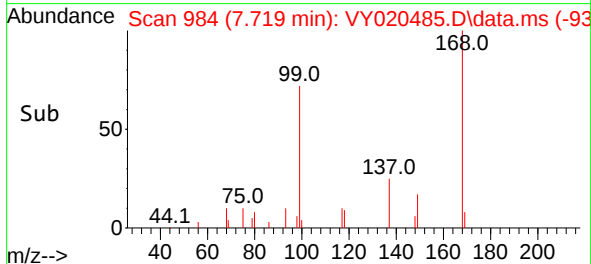
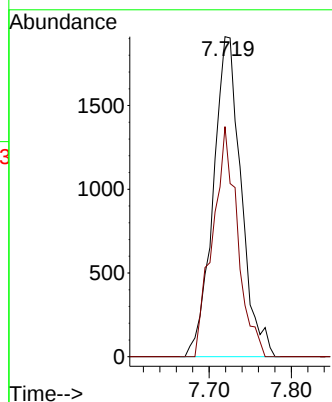
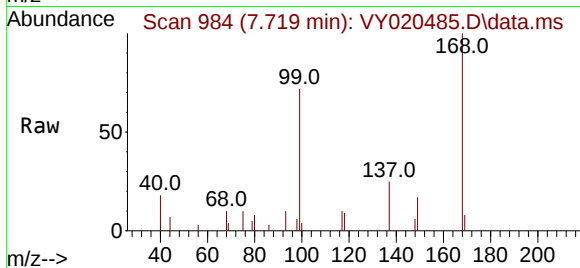




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

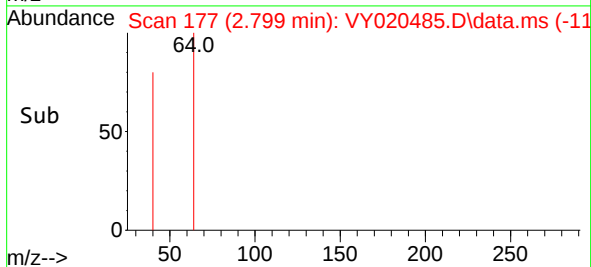
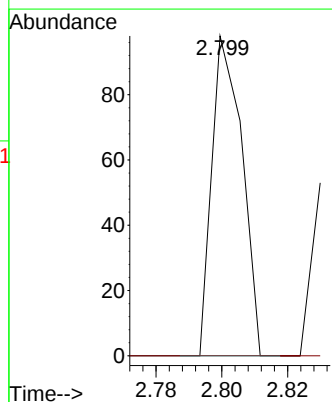
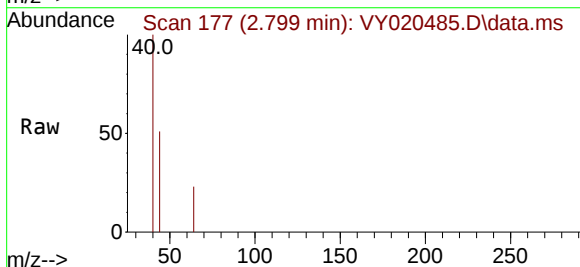
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-11222024RE

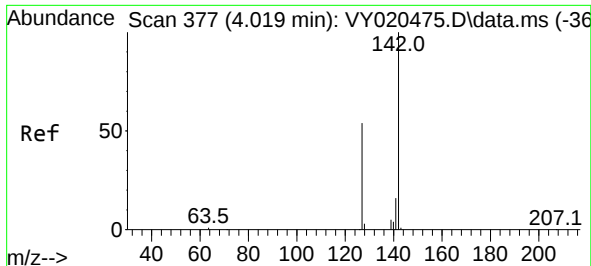
Tgt Ion:168 Resp: 4508
Ion Ratio Lower Upper
168 100
99 71.9 46.6 69.8#



#6
Chloroethane
Concen: 2.228 ug/l
RT: 2.799 min Scan# 177
Delta R.T. 0.061 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

Tgt Ion: 64 Resp: 62
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#

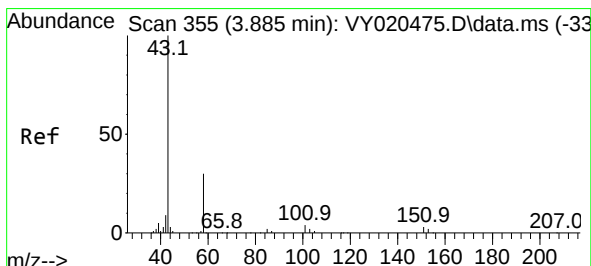
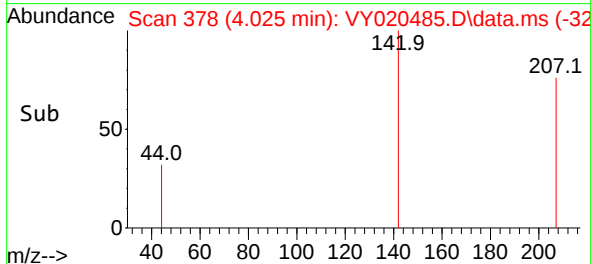
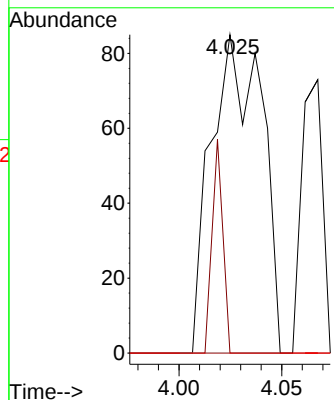
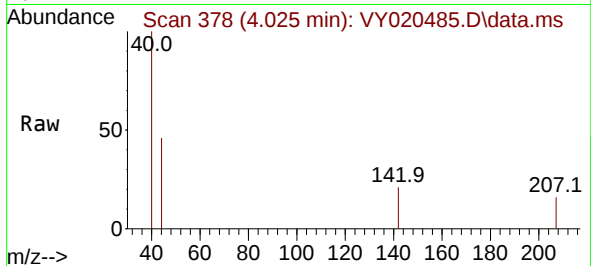




#10
Methyl Iodide
Concen: 2.625 ug/l
RT: 4.025 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

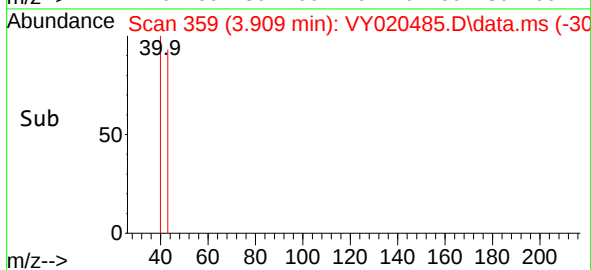
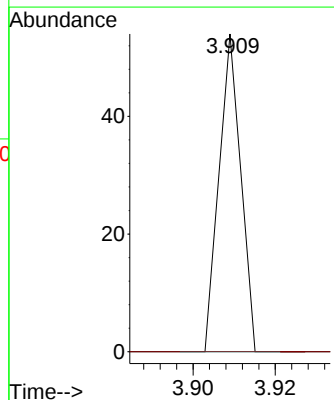
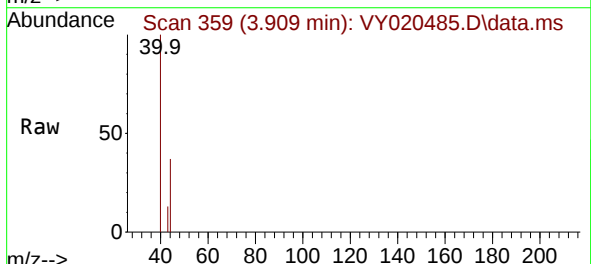
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-11222024RE

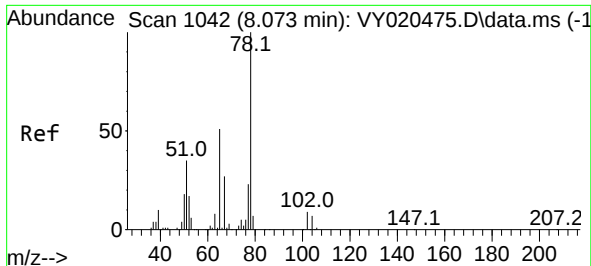
Tgt Ion:142 Resp: 146
Ion Ratio Lower Upper
142 100
127 14.4 38.9 58.3#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 1.754 ug/l
RT: 3.909 min Scan# 359
Delta R.T. 0.036 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#33

1,2-Dichloroethane-d4

Concen: 49.687 ug/l

RT: 8.079 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY020485.D

Acq: 02 Dec 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

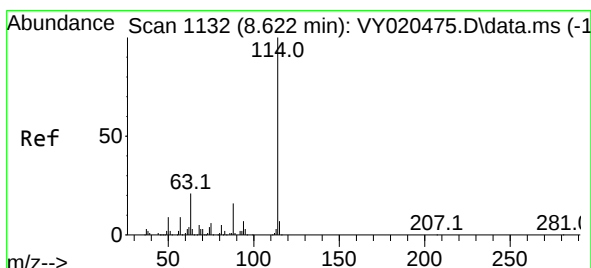
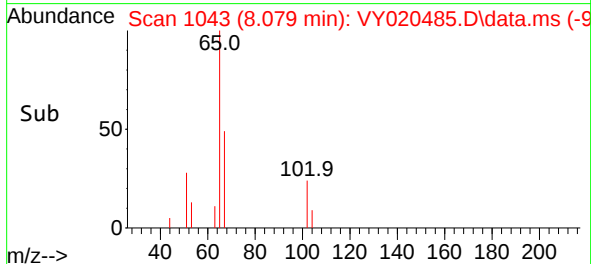
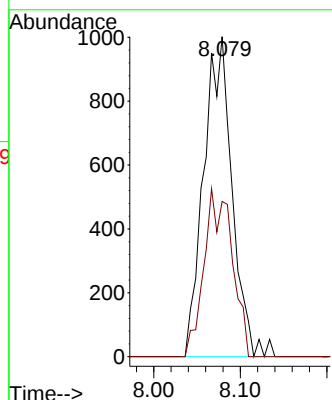
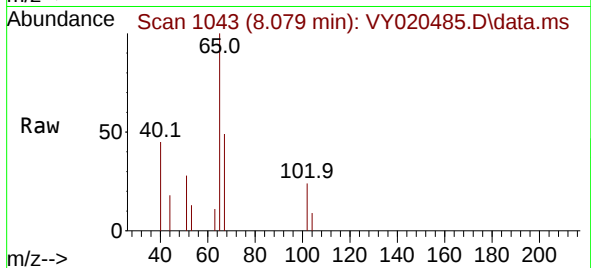
SU-04-11222024RE

Tgt Ion: 65 Resp: 2278

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.012 min

Lab File: VY020485.D

Acq: 02 Dec 2024 15:11

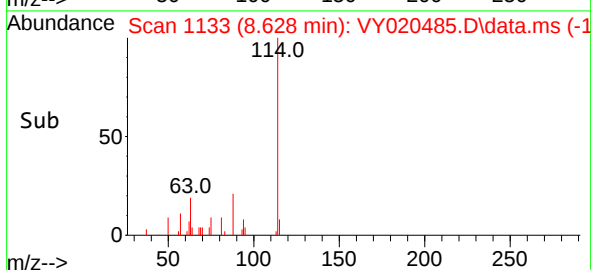
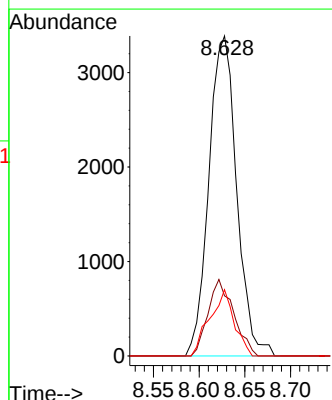
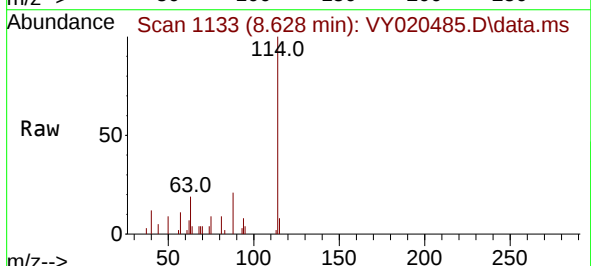
Tgt Ion: 114 Resp: 7164

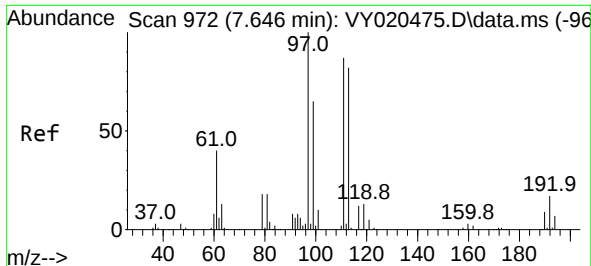
Ion Ratio Lower Upper

114 100

63 18.8 0.0 44.8

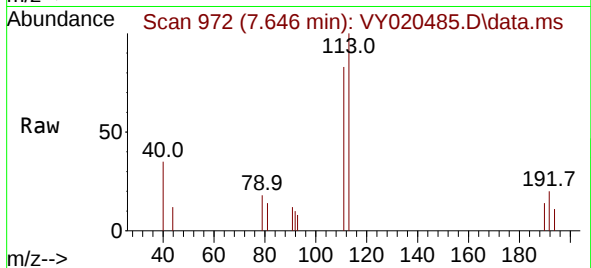
88 20.7 0.0 32.0



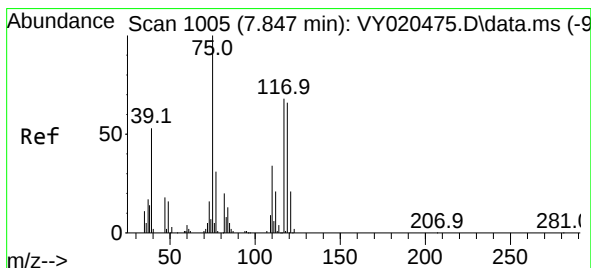
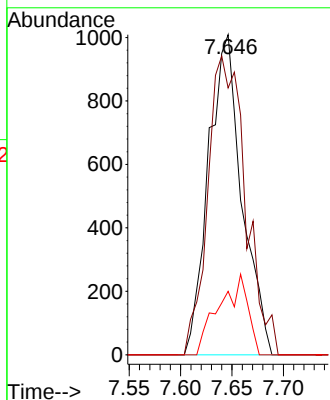
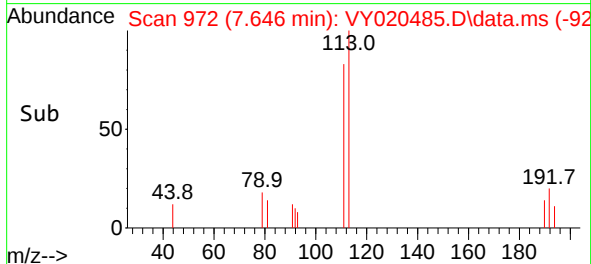


#35
Dibromofluoromethane
Concen: 50.576 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

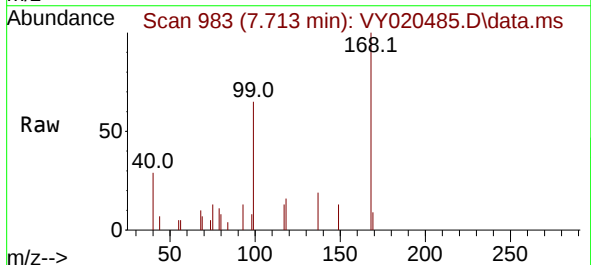
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-11222024RE



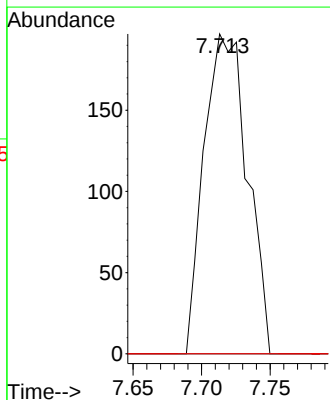
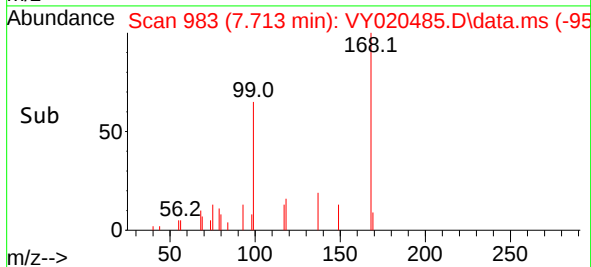
Tgt Ion:113 Resp: 2281
Ion Ratio Lower Upper
113 100
111 105.6 81.4 122.0
192 21.7 15.1 22.7

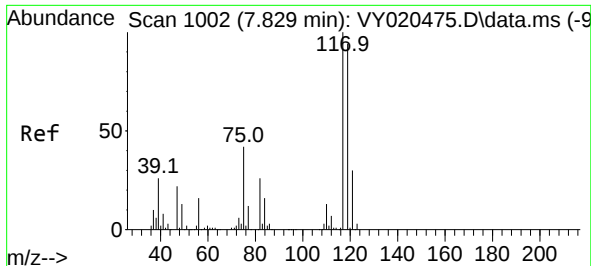


#36
1,1-Dichloropropene
Concen: 5.685 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11



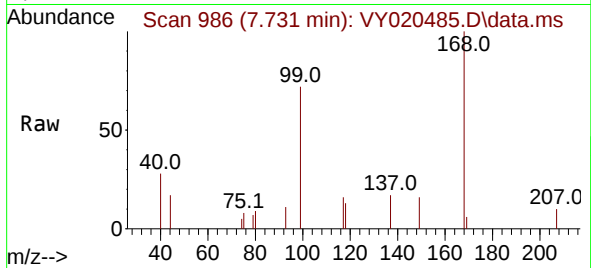
Tgt Ion: 75 Resp: 433
Ion Ratio Lower Upper
75 100
110 0.0 16.7 50.0#
77 0.0 24.6 36.8#



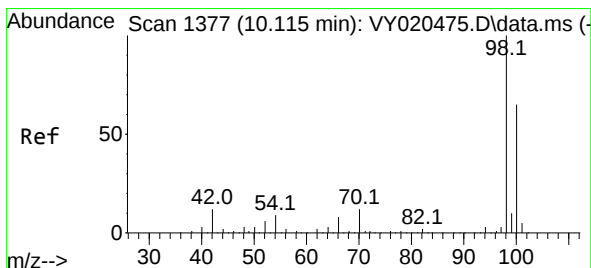
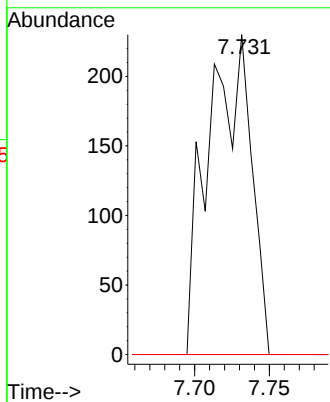
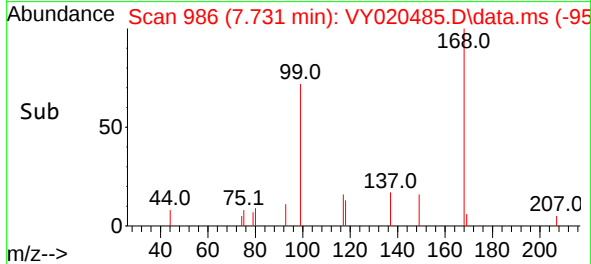


#38
Carbon Tetrachloride
Concen: 5.072 ug/l
RT: 7.731 min Scan# 91
Delta R.T. -0.092 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-11222024RE

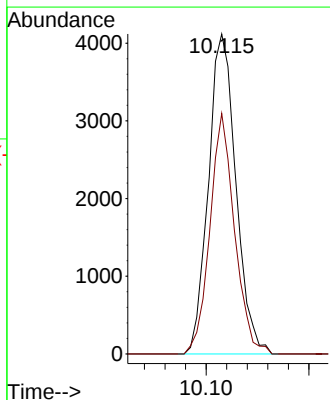
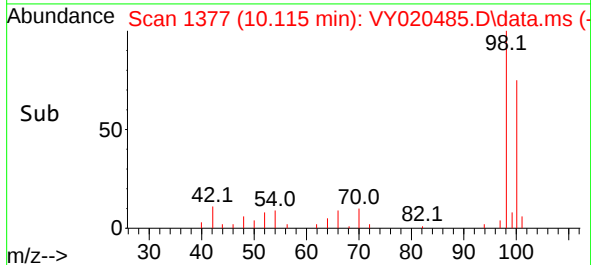
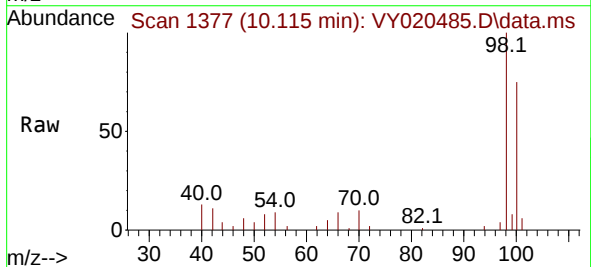


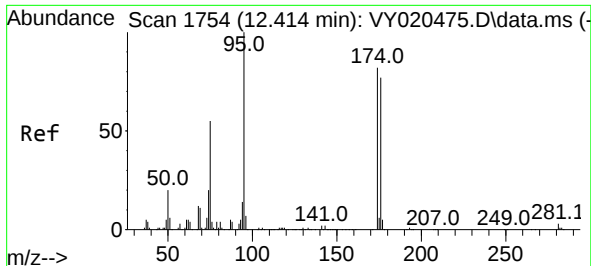
Tgt Ion:117 Resp: 461
Ion Ratio Lower Upper
117 100
119 0.0 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.487 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

Tgt Ion: 98 Resp: 7640
Ion Ratio Lower Upper
98 100
100 67.5 51.3 76.9

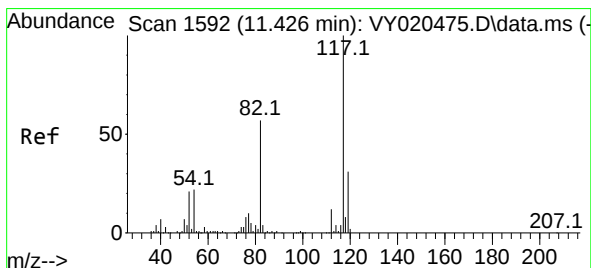
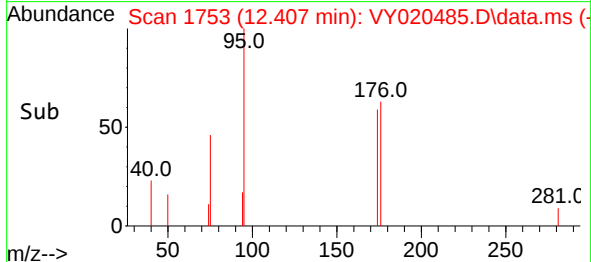
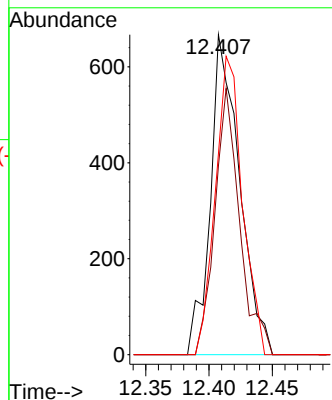
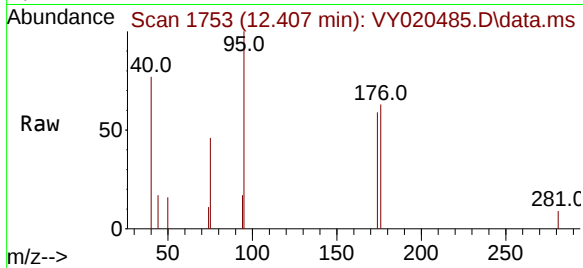




#62
4-Bromofluorobenzene
Concen: 17.848 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

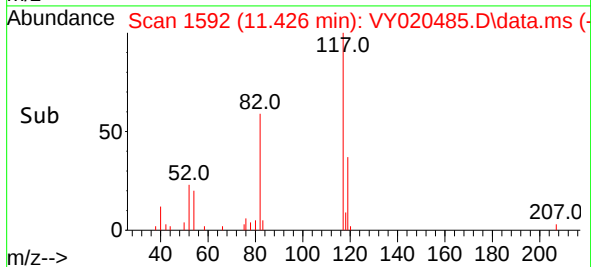
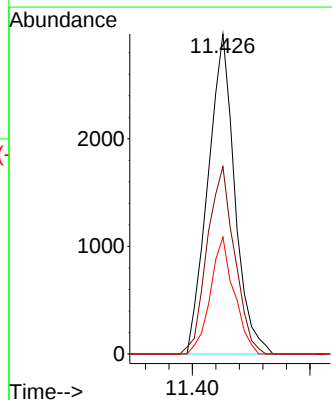
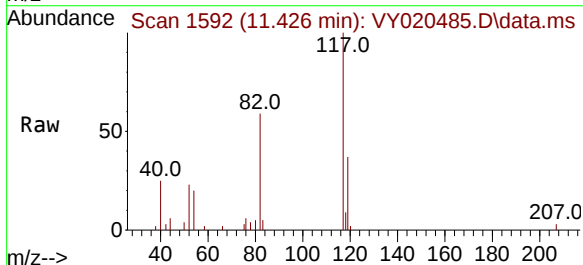
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-11222024RE

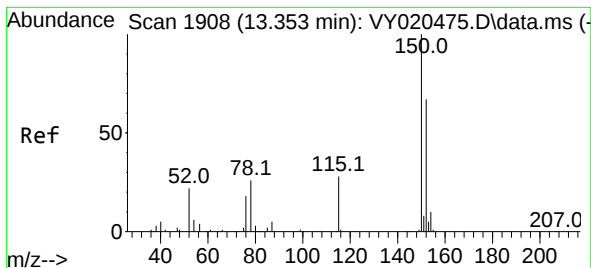
Tgt Ion: 95 Resp: 1072
Ion Ratio Lower Upper
95 100
174 70.5 0.0 156.8
176 86.5 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.012 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

Tgt Ion: 117 Resp: 4710
Ion Ratio Lower Upper
117 100
82 58.5 48.2 72.4
119 36.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.012 min

Lab File: VY020485.D

Acq: 02 Dec 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-11222024RE

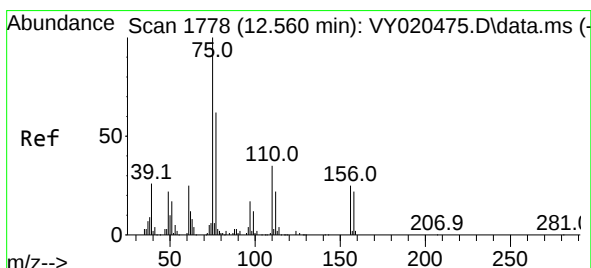
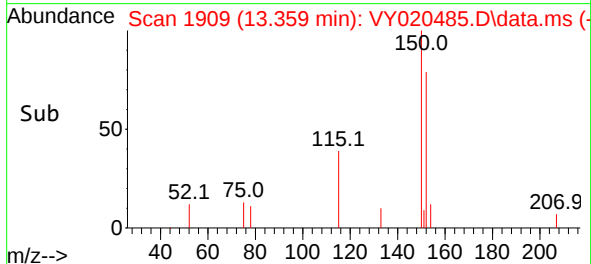
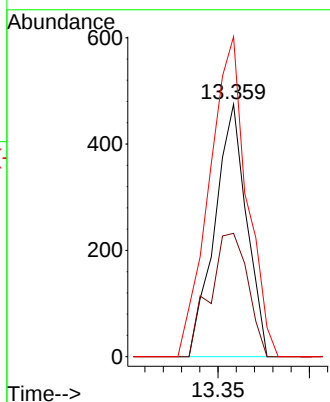
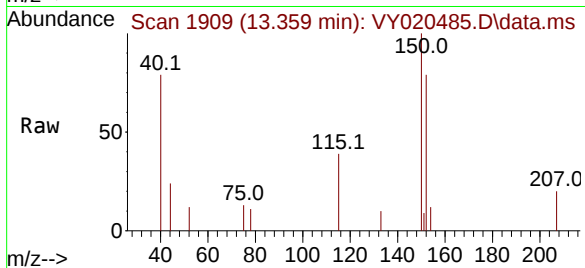
Tgt Ion:152 Resp: 575

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 150.3 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 100.727 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. -0.134 min

Lab File: VY020485.D

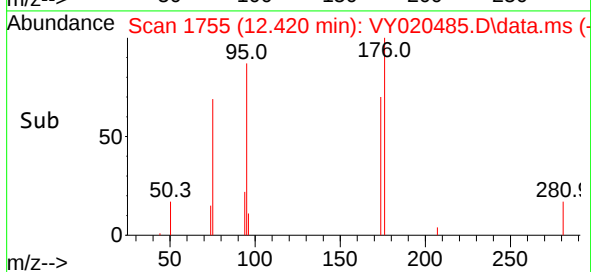
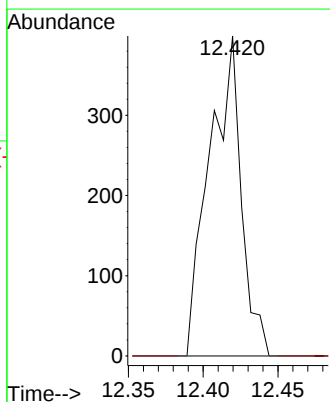
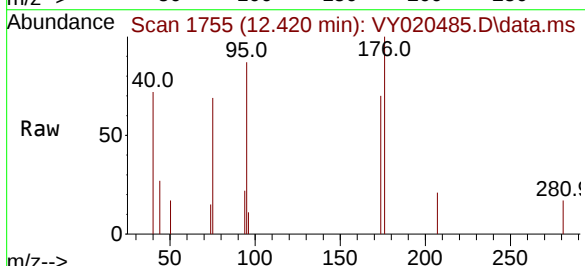
Acq: 02 Dec 2024 15:11

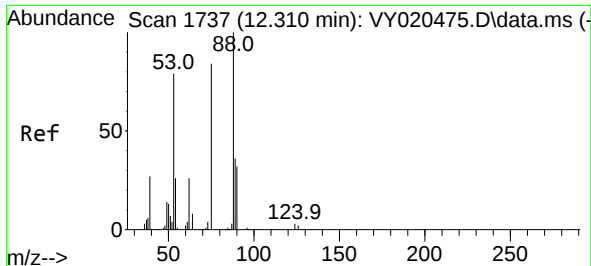
Tgt Ion: 75 Resp: 590

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

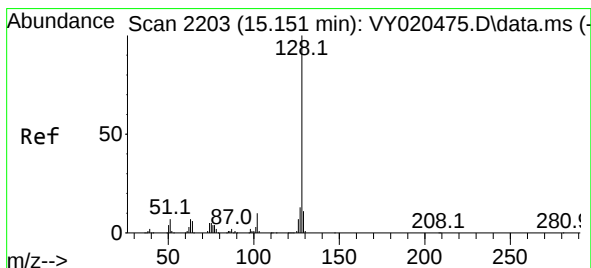
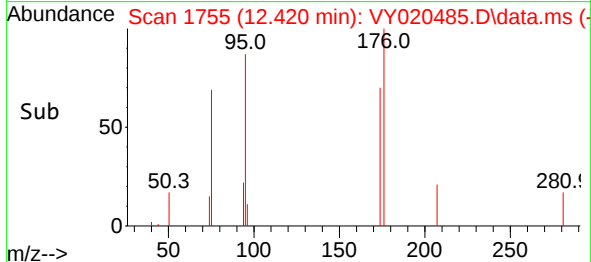
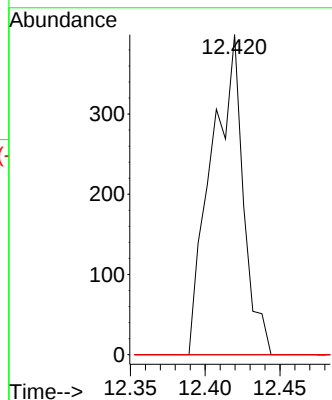
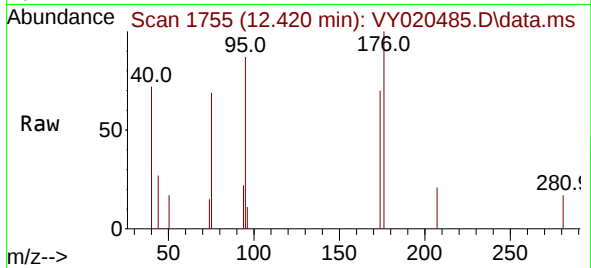




#81
trans-1,4-Dichloro-2-butene
Concen: 206.676 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.116 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

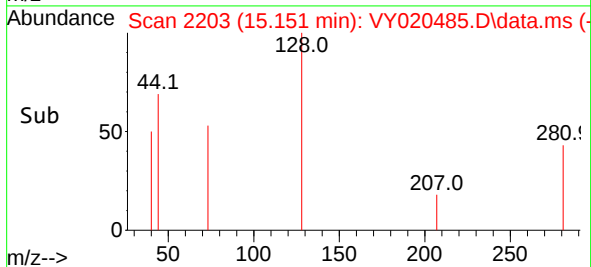
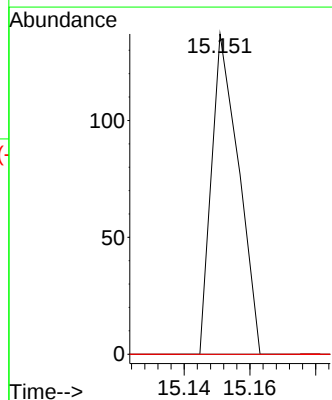
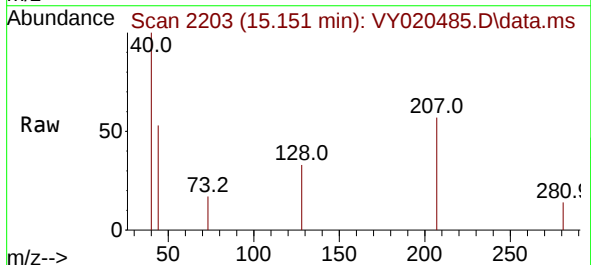
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-11222024RE

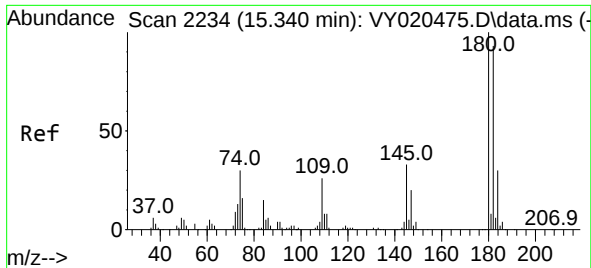
Tgt Ion: 75 Resp: 590
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#



#95
Naphthalene
Concen: 4.549 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

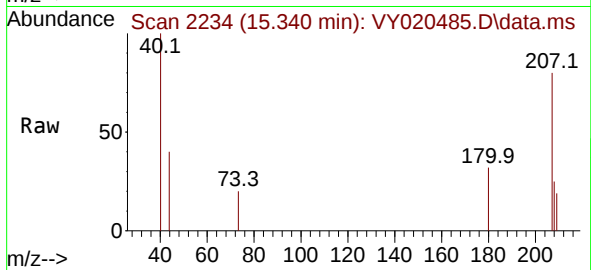
Tgt Ion: 128 Resp: 78
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.6 13.0#





#96
1,2,3-Trichlorobenzene
Concen: 6.550 ug/l
RT: 15.340 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-11222024RE



Tgt Ion:180 Resp: 56
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.3#
145 0.0 16.9 50.6#

